

HUMAN HEALTH

ENVIRONMENTAL HEALTH

SENSING
WHAT YOU NEED
FOR A HEALTHIER,
CLEANER
AND SAFER
TOMORROW.
FOR THE BETTER.

PerkinElmer's infrared sensing technologies- creating a healthier, cleaner and safer tomorrow.

For Secure Homes.

PerkinElmer's growing range of digital and analog pyroelectric infrared detectors enable secure homes through motion and presence detection.

PerkinElmer is a leading innovator with its DigiPyro® Family and we are keeping some 20 million homes secure each year with this sensing technology. OEMs are increasingly attracted to the benefits of our digital motion detection range for home intrusion alarm systems including:

- Enhancing performance
- Reducing system and installation costs
- Reduced component sizing for smaller, slimmer designs
- Fewer electronics
- Improved EMI immunity

PerkinElmer's pyroelectric infrared detectors are also hard at work in a range of critical OEM gas detection applications including detection of carbon dioxide and methane gas.



Our DigiPyro Family, based upon our innovative digital motion detection technology, is keeping some 20 million homes secure each year.

For Energy Savings.

PerkinElmer's infrared sensing technologies are perfect for energy conservation. It is not surprising that leading marketplace innovators in energy-efficient appliances are turning to PerkinElmer for indoor climate control solutions.

With innovations such as PerkinElmer's new Cool Eye™ IR Line Array, we truly have our eye on energy conservation. Our thermopile array module with integrated microprocessor is mounted on a "moving eye" which gives a 2D thermal image, actually locating people in the cooling space. PerkinElmer sensing technology is actively contributing to energy savings - up to 30% in today's smart HVAC appliances.

For Healthier Families.

PerkinElmer is actively contributing to healthier families with ear thermometers powered by our infrared sensing technology. We continue to innovate with thermopiles for ear thermometers and forehead thermometry. Thanks to PerkinElmer technology, moms and dads around the globe are able to reliably take the temperatures of their restless toddlers.

From motion sensors for secure homes to gas detection systems, indoor climate control systems and ear thermometers, PerkinElmer is sensing what you need. Let our infrared sensing capabilities help you create a healthier, cleaner and safer tomorrow.

Find out more at: www.perkinelmer.com/sensors



With PerkinElmer's recent thermopile innovations, we have our eye on energy conservation.



Moms and dads around the globe rely on PerkinElmer's infrared sensing technology.

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